A Synopsis Report

ON

#### **Hostel Management System**

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Under the guidance of

Internal Guide External Guide

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### **CERTIFICATE**

#### **Department of Information Technology**

This is to certify that

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- 3. Isha Talathi

Have satisfactorily completed this synopsis entitled

(Bank Management System)

Towards the partial fulfilment of the

**BACHELOR OF ENGINEERING** 

IN

(Information Technology)

As laid by University of Mumbai

Guide H.O.D

Prof. Nilesh Rathod Dr. Sunil Wankhede

#### **Declaration**

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, we have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in our submission. We understand that any violations of the above will be cause for disciplinary action by the institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Yogesh Sauw	Rushikesh Sonawane	Isha Talathi
Date:		
Place:		

#### **ACKNOWLEDGEMENT**

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Finally, we would like to thank our colleagues and friends who helped us in completing the Project (Synopsis) work successfully.

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- 2. Rushikesh Sonawane
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### CHAPTER 1

#### **INTRODUCTION**

Requirements definition and management is recognized as a necessary step in the delivery of successful system s and software projects, discipline is also required by standard regulations and quality improvement initiatives. Creating and managing requirements is a challenge of IT, systems and product development projects or indeed for any activity where you have to manage a contractual relationship. Organization need to effectively define and manage requirements to ensure they are meeting needs of the customer, while proving compliance and staying on the schedule and within budget. The impact of a poorly expressed requirement can bring a business out of compliance or even cause injury or death. Requirement, definition and management is an activity that can deliver a high, fast return on investment.

The "HOSTEL MANAGEMENT SYSTEM" undertaken as a project is based on relevant technologies. The main aim of this project is to develop software for hostel management system. This project is to develop software for hostel management system. This project has been developed to carry out the processes easily and quickly, which is not possible with the manuals systems, which are overcome by this software.

This project is developed using PHP and MySQL. Hence it provides the complete solution for the current management system.

## CHAPTER 2 AIMS AND OBJECTIVES

#### **2.1 AIMS**

- The aim of the Hostel Management System is to carry out the activities of Hostel in an efficient way.
- It will take the operations of Hostel to an upper level by providing faster access to data and allowing addition, upgradation, modification, and deletion of data in a very systematic and reliable manner.

#### 2.2 OBJECTIVES

- To reduce cost used by the students travelling in search of rooms
- Enable hostel managers to easily track the payment and students data
- Reduce the cost the administration spend on paper works and stuff
- Automate the bookings and notification make easy for hostel managers to view payment report using their phones or computers

## CHAPTER 3 LITERATURE SURVEY

Hostel management system development using PHP program has lots of codes, Using Internet in gathering information partially contributed to the success of this project. Due to the fact that PHP is an open source program, development of hostel management system was not too difficult. However, thanks to the cyber world (Internet) that makes it possible to study and make comparison in needs of some code function.

Numbers of hostel management system documents were examined and compare to the need of proposed hostel management system. For instance, Hostel Management System by Cochin University of Science and Technology Division of Computer Engineering Centre for Engineering Studies Cochin-682022, help in my initial research of hostel management system application.

### CHAPTER 4

#### PROBLEM STATEMENT AND SCOPE

#### **5.1 PROBLEM STATEMENT**

Recognition of problem new opportunity that the present system cannot handle pressures Managers, non-managers or environment elements usually recognize problems very rarely by information specialists. Managers find out where the problem exists & what the cause might be. The definition of our problem lies in manual system and a fully automated system.

#### 5.2 SCOPE

The Hostel Management System is an online application which will capture all the management activities involved with the hostels. The administrator module is concerned with all administration details, while the student module is concerned with management of student details in regards to the hostel. Students are allocated rooms based on their availability. The student's module enables them to apply for a room, and manage their details. They then check their application status to check whether a room has been allocated to them. The systems database will capture both the administrator details, and the student's details.

## CHAPTER 5 PROPOSED SYSTEM

The proposed system is having many advantages over the existing system. It requires less overhead and very efficient. The proposed system deals with the mess calculation and allotment process efficiently.

### Types of Users

- 1. Student
- 2. Hostel Manager
- 3. Admin



#### **STUDENT**

### Login:



If and only if the user exists in DB and password entered is correct, he/she will be able to login, otherwise appropriate error message is displayed.

## Home Page



### **Hostels Page**



## **Application Form**

## Application Form



### **Contact Form**

### Contact Us



### **HOSTEL MANAGER**

## Hostel Manager Home Page



### **Allocated Rooms**

Search by Roll Number Search

### Rooms Allotted

Student Name	Student ID	Contact Number	Hostel	Room Number
pitbull god	bloOffics	000	А	3
bharat reddy	b160198cs	9492521897	A	12

### Vacate Rooms

### Vacate Form

Roll Number	Click To Vacate
A	
Room Number	

## Hostel Manager Profile Page



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### **ADMIN:**

## **Admin Home Page**



### **Students Page**



### Rooms Allotted

Student Name	Student ID	Contact Number	Hostel	Room Number
admin admin	b80000b	9892521697	None	None
pibuli god	BloCRis	000	A	3
bharat reddy	bloCW8a	040252807	A	4
Trayval Gharadian	6100777a	33333333	A	1
john doe	PR000089	000000000	None	None
proj pandurang	proj		None	None

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- 2. in.php.net
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